

***Allowable Subject Matter***

1. This is in response to the amendment filed 07/07/09.
2. Claims 1, 3-12 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:

Applicant has cancelled claim 2 and amended claims 1, 3-12 in according to the office action dated 03/19/09. The present invention relates to phase lock loop (PLL) and its control operation thereof. PLL is widely known in the art of communication, however, prior art of record (closest reference, Delmas et al. - US 5,663,688), taking individually or collectively, fails to suggest a motivation for incorporating in such a PLL, as a whole, including "the phase comparator is designed to produce the measurement signal in the form of two components, each having a respective activation duration, the difference between said activation durations of the components being a piecewise linear function of a time offset between the divided frequency signal and the reference signal", as claimed in independent claim 1 (claims 3-12 depend therefrom). Thus, claims 1, 3-12 are found to be novel and unobvious over prior art of record.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dac V. Ha whose telephone number is 571-272-3040. The examiner can normally be reached on 4/4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Payne can be reached on 571-272-3024. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dac V. Ha/  
Primary Examiner, Art Unit 2611